

# D1. Stacks and experiments

## A. Stacks

Svar:

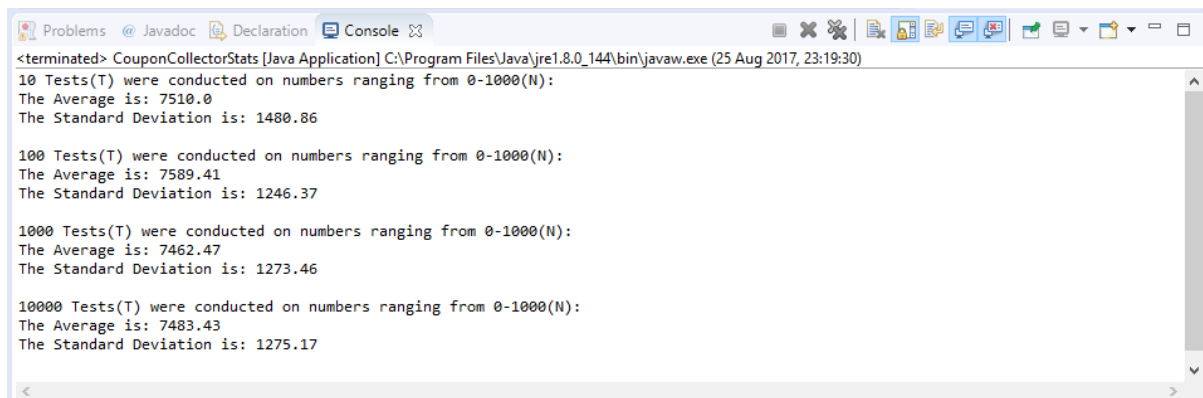
a = satt, b = ósatt, c = satt, d = satt, e = satt, f = ósatt, g = ósatt, h = satt

Þar að leiðandi þá eru úrtaskrunurnar sem ekki ættu að gera komið upp eða birst eftirfarandi:

## B, F og G

## B. Experiments

Output:



```
<terminated> CouponCollectorStats [Java Application] C:\Program Files\Java\jre1.8.0_144\bin\javaw.exe (25 Aug 2017, 23:19:30)
10 Tests(T) were conducted on numbers ranging from 0-1000(N):
The Average is: 7510.0
The Standard Deviation is: 1480.86

100 Tests(T) were conducted on numbers ranging from 0-1000(N):
The Average is: 7589.41
The Standard Deviation is: 1246.37

1000 Tests(T) were conducted on numbers ranging from 0-1000(N):
The Average is: 7462.47
The Standard Deviation is: 1273.46

10000 Tests(T) were conducted on numbers ranging from 0-1000(N):
The Average is: 7483.43
The Standard Deviation is: 1275.17
```